



Staff from Water Monitoring and Standards participated in the World Water Monitoring Day Celebration, hosted by the Pinelands Commission, at Batsto Lake in Wharton State Forest on October 21, 2011.

Students from Hammonton Middle School, Sterling High School, Doane Academy, St. Joseph Middle and High Schools and Friends Academy participated in the event.



Freshwater & Biological Monitoring staff help students identify bugs (benthic macroinvertebrates) found in Batsto Lake as well as explain how different bugs are indicators of water quality.

Physical/Chemical monitoring is another way of determining water quality. Freshwater & Biological Monitoring staff help students use meters and probes to take readings from the water in Batsto Lake as well as explain what the numbers mean in terms of chemical water quality.





Marine Water Monitoring staff explain how Pinelands waters drain to the coast and affect marine water quality. In addition, various sea creatures, caught off the NJ coast, were showcased as part of an interactive display.





AmeriCorps NJ Watershed Ambassadors use an EnviroScape model to simulate different actions (e.g., applying fertilizer just before rain, not picking up dog poop, improperly disposing of used motor oil, etc). This exercise shows students how various behaviors can directly affect water quality.